



PATENT
835-007.003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Werner A. Buck and Bengt A. Carlson
Serial No. 09/641,101	Filing Date: August 17, 2000
Title of Application:	Ball Valve with Modified Characteristics
Group Art Unit: 3753 3754	

Assistant Commissioner for Patents
Washington, DC 20231

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Information Disclosure Statement by Applicants

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Dear Sir:

As a means of complying with duty of disclosure set forth in 37 CFR §1.56, Applicants list the following references (copies of the listed patents and papers enclosed):

U.S. Patent Documents				
Exam. Initials	Class/ Subclass.	Document No.	Date	Name
EK	—	915,543	3/16/09	Billiard
↑	—	1,175,328	3/14/16	Wright
↑	—	1,454,222	5/8/23	Palmer, et al.
↓	—	1,622,406	3/29/27	Wilhjelm
↓	251/91	1,972,151	9/4/34	Link
EK	251/92	2,115,675	4/26/38	Tremmel

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U.S. Patent Documents				
Exam. Initials	Class/ Subclass.	Document No.	Date	Name
EK	4/288	2,699,555	1/18/55	Green
↑	137/599.2	2,707,971	5/10/55	Lamar
	137/614.17	3,146,792	9/1/64	Donnelly, et al.
	137/237	3,386,461	6/4/68	Fisher
	251/209	3,542,337	11/24/70	Scaramucci
	251/209	3,542,338	11/24/70	Scaramucci
	251/209	3,563,511	2/16/71	Bentley-Leek
	137/269	3,707,161	12/26/72	Crawford
	137/625.32	3,786,837	1/22/74	Pipkins
	137/625.32	3,880,191	4/29/75	Baumann
	137//637.3	3,987,819	10/26/76	Scheuermann
	137/625.3	4,085,774	4/25/78	Baumann
	137/614.17	4,111,229	9/5/78	Christian
	137/454	4,111,392	9/5/78	Edelmann.
	137/269	4,130,128	12/19/78	Kaneko
	251/206	4,161,307	7/17/79	Clinch, et al.
	251/309	4,193,580	3/18/80	Norris, et al.
	137/614.17	4,226,263	10/7/80	Muchow
	137/625.3	4,271,866	6/9/81	Bey
	137/625.32	4,540,025	9/10/85	Ledeen, et al.
	137/625.32	4,889,163	12/26/89	Engelbertsson
	251/209	4,989,833	2/5/91	Polon
	251/127	5,074,522	12/24/91	Reynolds, et al.
	137/15	5,135,019	8/4/92	Dupont
	137/625.32	5,509,446	4/23/96	Bey
↓	137/1	5,551,467	9/3/96	Booth, et al.
EK	132/271	5,593,135	1/14/97	Lester, et al.

Page 3
Serial No. 09/641,101
Information Disclosure Statement



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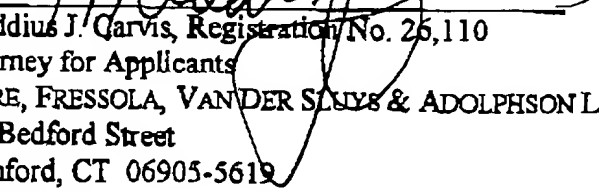
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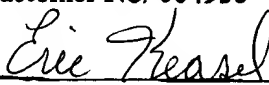
Other Documents	
Exam. Initials	Description (Author, Title, Date, Pages, etc)
EK	Flow Characteristics and Installed Flow Characteristics, pp. 166-167 unknown source.
↑	Flow-Tek, Inc., Control Ball Series - Model VC Product Brochure
↓	Toyo, Auto Three-Flow Product Brochure.
↓	Worcester Controls publication entitled "Advanced Ball Control Valves for High Performance Throttling Applications" printed Feb. 1992.
EK	Chapter entitled "Heating, Ventilating and air Conditioning Control Systems, pp 627-629, unknown source. (COPY NOT ENCLOSED.)

Respectfully submitted,

November 17, 2000


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Examiner